

**In the Specification:**

Please replace the abstract with the following abstract:

Described herein is a water irrigation system that includes irrigation equipment and a computer system. The computer system is configured to control the irrigation equipment to irrigate an irrigation zone based on a programmed irrigation schedule, wherein the programmed irrigation schedule is at least partially based on the region where the irrigation zone is located. The computer system is configured to override the programmed irrigation schedule when an assessed amount of moisture exceeds a predetermined amount and/or when community irrigation instructions are received.